

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1166408	amp\$2 amplifi\$6 gain\$2	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 13:37
L2	511113	lens\$2	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 13:37
L3	3966660	voltage\$2 power\$2 current\$2	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 13:37
L4	3325973	sens\$3 detect\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 13:37
L5	165321	electron adj3 (beam emission emit\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 13:37
L6	612925	L4 near7 L3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 13:37
L7	4029	L1 and (L2 same L5)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 13:37
L8	1296	L6 and L7	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 13:37
L9	316730	atomic ARS STM (scan\$5 near3 mircroscope)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 13:37
L10	455562	L9 L5	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 13:37
L11	23	L1 same L2 same L6 near5 L10	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 13:37
L12	42198	("369").CLAS.	US-PGPUB; USPAT	OR	OFF	2006/06/21 13:37
L13	752	(369/126).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/06/21 13:37
L14	216	(369/101).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/06/21 13:37
L15	1	L11 and L12	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 13:37
L16	1	("5557596").PN.	US-PGPUB; USPAT	OR	OFF	2006/06/21 13:37

## EAST Search History

L17	1	("4423305").PN.	US-PGPUB; USPAT	OR	OFF	2006/06/21 13:37
L18	1	("3894271").PN.	US-PGPUB; USPAT	OR	OFF	2006/06/21 13:37
L19	876	L4 near3 L3 near5 L5	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 13:37
L20	11	L12 and L19	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 13:37
L21	11	raese.in.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 14:38
L23	6	emitter and lens\$2 and (sens\$3 near (diode switch\$2)) and (amp amplifier) and bias\$3 and (compensat\$5 near2 diode)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/21 14:40
S1	1136066	amp\$2 amplifi\$6 gain\$2	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/14 11:54
S2	498346	lens\$2	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/14 11:54
S3	3869482	voltage\$2 power\$2 current\$2	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/14 11:54
S4	3250051	sens\$3 detect\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/14 11:54
S5	161210	electron adj3 (beam emission emit\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/14 11:55
S6	596900	S4 near7 S3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/14 11:56
S7	3913	S1 and (S2 same S5)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/14 11:56
S8	1245	S6 and S7	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/14 11:58
S9	307883	atomic ARS STM (scan\$5 near3 microscope)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/14 11:59
S10	443612	S9 S5	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/14 11:59

## EAST Search History

S11	23	S1 same S2 same S6 near5 S10	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/14 12:01
S12	41068	("369").CLAS.	US-PGPUB; USPAT	OR	OFF	2006/03/14 12:01
S13	732	(369/126).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/14 12:01
S14	212	(369/101).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/14 12:01
S15	1	S11 and S12	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/14 12:03
S16	1	("5557596").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/14 12:03
S17	1	("4423305").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/14 12:03
S18	1	("3894271").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/14 12:08
S19	853	S4 near3 S3 near5 S5	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/14 12:09
S20	10	S12 and S19	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/14 12:09